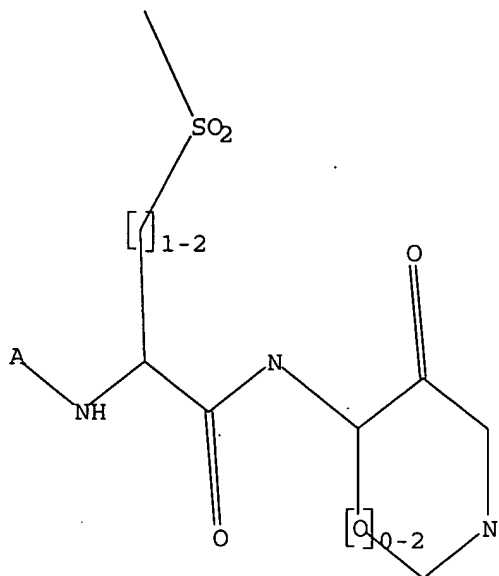


L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 14 full

FULL SEARCH INITIATED 19:35:00 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

L5 2 SEA SSS FUL L4

=> d 15 1-2

L5 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN

RN 503323-65-7 REGISTRY

ED Entered STN: 17 Apr 2003

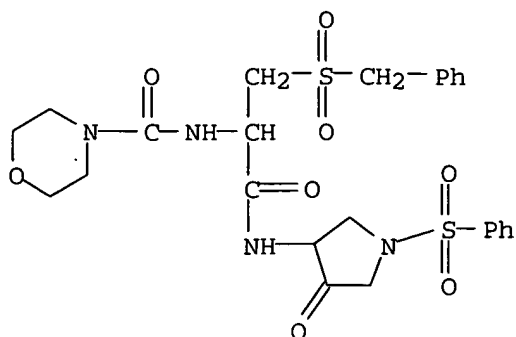
CN 4-Morpholinecarboxamide, N-[2-oxo-2-[[4-oxo-1-(phenylsulfonyl)-3-pyrrolidinyl]amino]-1-[[[(phenylmethyl)sulfonyl]methyl]ethyl]]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C25 H30 N4 O8 S2

SR CA

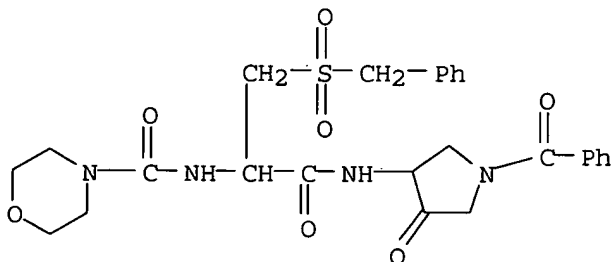
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN
RN 503323-64-6 REGISTRY
ED Entered STN: 17 Apr 2003
CN 4-Morpholinecarboxamide, N-[2-[(1-benzoyl-4-oxo-3-pyrrolidinyl)amino]-2-oxo-1-[[[(phenylmethyl)sulfonyl]methyl]ethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H30 N4 O7 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
327.20	327.41

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 19:35:12 ON 05 JUL 2005
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FILE COVERS 1907 - 5 Jul 2005 VOL 143 ISS 2
FILE LAST UPDATED: 4 Jul 2005 (20050704/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 15

L6 1 L5

=> d 16

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:242294 CAPLUS
DN 138:271977
TI Novel compounds and compositions as Cathepsin inhibitors
IN Graupe, Michael; Palmer, James T.; Aldous, David J.; Thurairatnam, Sukanthini
PA Aventis Pharmaceuticals Inc., USA; Celera
SO PCT Int. Appl., 101 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003024924	A1	20030327	WO 2002-US29323	20020916
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2460125	AA	20030327	CA 2002-2460125	20020916
	EP 1436255	A1	20040714	EP 2002-798975	20020916
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
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	JP 2005504078	T2	20050210	JP 2003-528772	20020916
	US 2004192742	A1	20040930	US 2004-787367	20040226
PRAI	US 2001-322318P	P	20010914		
	WO 2002-US29323	W	20020916		
OS	MARPAT 138:271977				

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	2.00	329.41

FILE 'REGISTRY' ENTERED AT 19:36:35 ON 05 JUL 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 JUL 2005 HIGHEST RN 853727-85-2
DICTIONARY FILE UPDATES: 4 JUL 2005 HIGHEST RN 853727-85-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

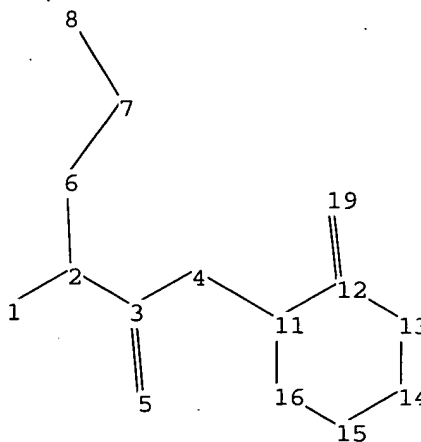
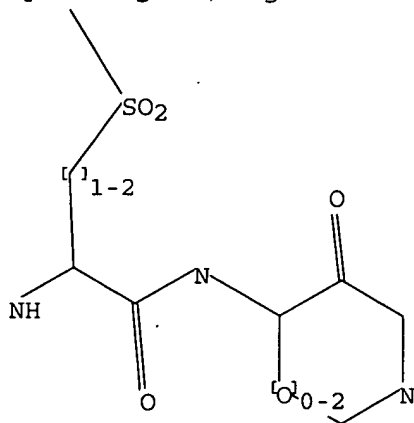
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10787367c.str



chain nodes :
1 2 3 4 5 6 7 19
ring nodes :
11 12 13 14 15 16
ring/chain nodes :
8
chain bonds :

1-2 2-3 2-6 3-4 3-5 4-11 6-7 7-8 12-19

ring bonds :

11-12 11-16 12-13 13-14 14-15 15-16

exact/norm bonds :

1-2 3-4 3-5 4-11 11-12 11-16 12-13 12-19 13-14 14-15 15-16

exact bonds :

2-3 2-6 6-7 7-8

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 11:Atom

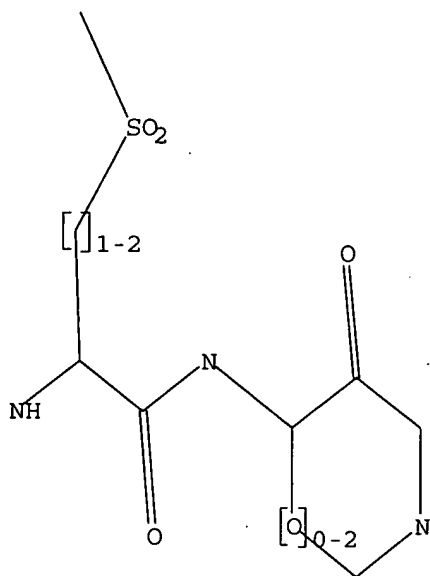
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 19:CLASS

L7 STRUCTURE UPLOADED

=> d

L7 HAS NO ANSWERS

L7 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 17 full

FULL SEARCH INITIATED 19:40:11 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00'01

L8 2 SEA SSS FUL L7

=> d 18 1-2

L8 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN

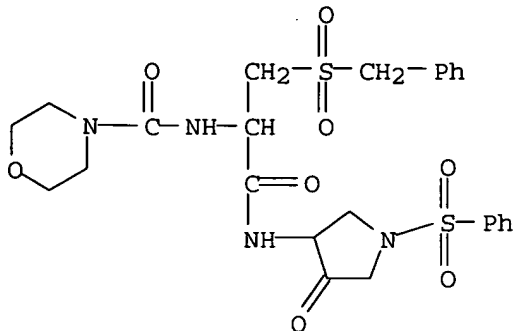
RN 503323-65-7 REGISTRY

ED Entered STN: 17 Apr 2003

CN 4-Morpholinecarboxamide, N-[2-oxo-2-[[4-oxo-1-(phenylsulfonyl)-3-

pyrrolidinyl]amino]-1-[[[(phenylmethyl)sulfonyl]methyl]ethyl]- (9CI) (CA INDEX NAME)

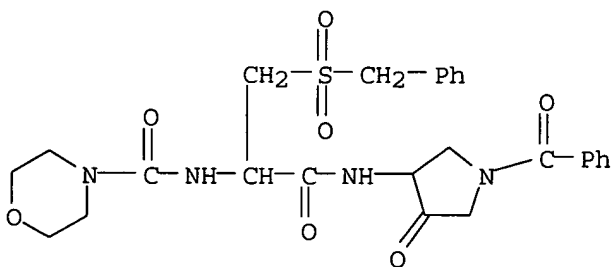
FS 3D CONCORD
MF C25 H30 N4 O8 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN
RN 503323-64-6 REGISTRY
ED Entered STN: 17 Apr 2003
CN 4-Morpholinecarboxamide, N-[2-[(1-benzoyl-4-oxo-3-pyrrolidinyl)amino]-2-oxo-1-[[[(phenylmethyl)sulfonyl]methyl]ethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H30 N4 O7 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
167.59	497.00

FILE 'CAPLUS' ENTERED AT 19:40:36 ON 05 JUL 2005
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FILE COVERS 1907 - 5 Jul 2005 VOL 143 ISS 2
FILE LAST UPDATED: 4 Jul 2005 (20050704/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 18

L9 1 L8

=> d 19

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:242294 CAPLUS

DN 138:271977

TI Novel compounds and compositions as Cathepsin inhibitors

IN Graupe, Michael; Palmer, James T.; Aldous, David J.; Thuraiaratnam, Sukanthini

PA Aventis Pharmaceuticals Inc., USA; Celera

SO PCT Int. Appl., 101 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

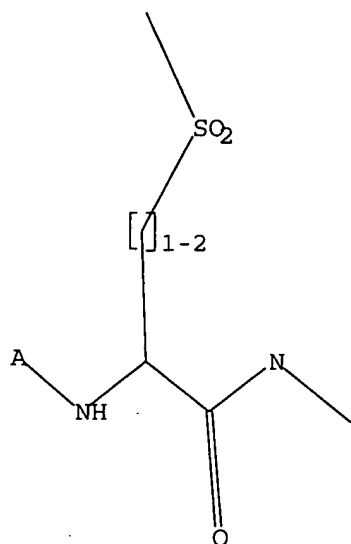
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PI	WO 2003024924	A1	20030327	WO 2002-US29323	20020916
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	CA 2460125	AA	20030327	CA 2002-2460125	20020916
	EP 1436255	A1	20040714	EP 2002-798975	20020916
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	BR 2002012535	A	20041019	BR 2002-12535	20020916
	JP 2005504078	T2	20050210	JP 2003-528772	20020916
	US 2004192742	A1	20040930	US 2004-787367	20040226
PRAI	US 2001-322318P	P	20010914		

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 12:06:42 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3129 TO ITERATE

100.0% PROCESSED 3129 ITERATIONS

2136 ANSWERS

SEARCH TIME: 00.00.01

L2 2136 SEA SSS FUL L1